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February 27, 1998

Mr. Frank Biros
U.S. Department of Justice
Environmental and Natural Resource Division
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20530

CONFIDENTIAL SETTLEMENT
COMMUNICATION

Connie L. Puchalski
Assistant Regional Counsel
U.S. Environmental Protection Agency
Region V
77 West Jackson Boulevard
Chicago, IL 60604-3590

Re: Albion/Sheridan Township Landfill-Remedial Action Costs

Dear Frank and Connie:

You have asked for a summary of costs for the remedial action at the Albion-Sheridan Township Landfill Site ("Site"). I have attached to this letter a chart prepared at my request by Woodward-Clyde. As you have agreed, by turning this over to you, we are not waiving the Attorney-Client Privilege or the Attorney Work Product Doctrine for anything other than the specific piece of paper attached to this letter. The costs included in the document include the following:

- Project Coordination (Woodward-Clyde) actual costs from January 1996 through August 1998
- Project Coordination (woodward-Clyde) estimated costs from August 1998 through December 1999
- Remedial Pre-design and Design (Woodward-Clyde) actual costs through September 1997
- Real estate consultant actual costs
- Remedial Action Construction (OHM Remediation), actual cost for the drum removal and contracted costs for remaining cap construction including procurement of soil fill for the 12-inch thick gas collection layer and 18-inch thick cover soil from an off site source

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Mr. Frank Biros
Ms. Connie Puchalski
October 1, 1998
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- Estimated monitoring costs for the initial five years after capping
- Estimated monitoring present worth costs for the 25 years following the initial 5 year period, based upon the present worth value that includes a 50% reduction in annual costs after the initial 5-year monitoring period
- Maintenance present worth costs for 30 years

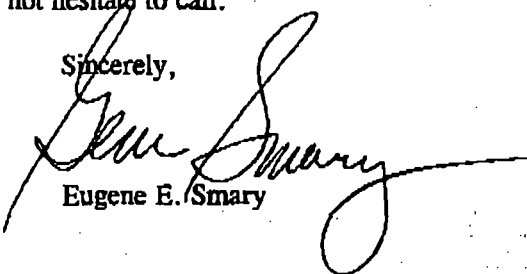
The chart attached presents a summary of the costs identified above. It is important to note, however, that those costs do not include any of the following:

- The cost of a groundwater remediation system that could be required after the initial five-year O & M period
- Any "past costs", defined as all costs occurring during the remedial investigation/feasibility study and remedy selection phase of the project that occurred up to about January 1996
- Agency oversight costs and general Agency personnel labor costs
- Internal administrative costs such as legal fees and technical committee personnel labor costs and expenses

As we have discussed, this document was prepared for me specifically for purposes of assisting in settlement discussions. You have requested this information in the context of settlement discussions. Therefore, we do not believe that this letter nor its attachment may be communicated to any third party. If you disagree with this, please let me know immediately and return this letter and its enclosure immediately.

Should you have any questions, please do not hesitate to call.

Sincerely,



Eugene E. Smary

lap
Attachment
cc: Cooper Industries, Inc.
Corning, Inc.

347467v1

ESTIMATED COSTS FOR REMEDIAL ACTION**ALBION-SHERIDAN TOWNSHIP LANDFILL****Calhoun County, Michigan**

<u>Item</u>	<u>Estimated Cost</u>
Project Coordination and Consulting (1996 through 8/1998) ¹	\$163,126.32
Project Coordination (8/1998 through 12/1999)	\$44,800.00
Real Estate Consultant (1997)	\$2,000.00
Predesign & Design (Woodward-Clyde)	\$219,847.56
Capping Oversight & QC (1998-99) ³	\$130,000.00
Final Construction Certification Report	\$25,000.00
Drum Removal	\$262,695.00
Capping ⁴	\$2,407,307.00
1 st to 5 th Year Monitoring ²	\$375,000.00
6 th to 30 th Year Monitoring ^{2,5}	\$525,000.00 (PW)
30 Year Maintenance ⁶	<u>\$150,000.00 (PW)</u>
Total	\$4,306,775.88

¹ Includes monthly reporting, monthly consulting/coordination, work plan, attendance at public meetings, preparation of two request for bids for the RA and review of bids.

² Includes project coordination.

³ Assumes a 6-month construction period at \$5,000/week for resident engineering, quality control and quality assurance.

⁴ O&M Remediation contract cost using alternate bid plus 5% for inflation to complete work in 1999 instead of 1998.

⁵ Assumes no groundwater remediation is necessary and a 50% decrease in annual cost from the first 5 years due to reduction in monitoring requirements.

⁶ Estimated at \$10,000/year average cost.

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